

# Sample Data

Address Natve Sam	o i 🗹 💮 Sample Type	Analysis Method	Preparaton Mithod	l② Units As 0⊣	As 6-1	2 As 12-1	8 As 18-2	1 As 24-3	0 Pb 0-6	Pb 6-1	2 Pb 12-	18 Pb 18-	24 Pb 24-30
455 E 148th St Front	Composite - Front yard	XRF	Method	mg/kg ND	ND				74	47			
455 E 148th St QA	Field Duplicate	XRF	Method	mg/kg				ND					56
455 E 148th St QA	School/Park - Quadrant A	XRF	Method	mg/kg 8	11	ND	ND	ND	75	73	58	44	51
455 E 148th St QB	School/Park - Quadrant B	XRF	Method	mg/kg ND	ND	ND	ND	24	48	48	91	80	449
455 E 148th St QC	Field Duplicate	XRF	Method	mg/kg		ND					139		
455 E 148th St QC	School/Park - Quadrant C	ICP Metals (TAL)	METHOD	mg/kg 11	8		11		350	230		810	
455 E 148th St QC	School/Park - Quadrant C	XRF	Method	mg/kg 17	23	ND	ND	ND	447	340	215	488	220
455 E 148th St QD	School/Park - Quadrant D	XRF	Method	mg/kg ND	ND	ND			72	85	39		

## Notes

Sampling Notes

QA: 1: native @ 11" 2: native @ 12" 3: native @ 10" 4: 30"+ 5: native @ 20"

QB: 1: native @ 16" 2: native @ 26" 3: native @ 9" 4: refusal @ 20" 5: refusal @ 28"

QC: 1: native @ 9" 2: native @ 13" 3: 30"+ 4: refusal @ 24" 5: refusal @ 21"

QD: 1: native @ 13" 2: native @ 10" 3: refusal @ 18" 4: native @ 12" 5: native @ 18"

#### **Design Notes**

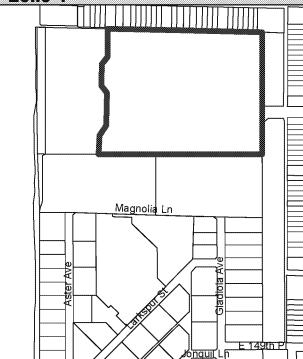
Quadrant A requires no remediation. Quadrant B requires no remediation.

Excavation depth is 24 inches for Quadrant C. Quadrant D requires no remediation.

All material in Quadrant C is considered Type-1 waste.

Type-1 waste fails CG criteria. Type-2 waste fails TC criteria.

# Zone 1



# **Design Information**

Access agreement:

12/10/2009

Date sampled:

QA: 5/1/2015 9:15:00 AM QC: 5/1/2015 11:00:00 AM QB: 5/1/2015 9:45:00 AM QD: 5/1/2015 8:30:00 AM F: 8/10/2015 9:00:00 AM

Date restoration agreement:

### Quantities

	Units	QA	QB	QC	QD
Type-1	cu yd	0	0	3917	0
Type-2	cu yd	0	0	0	0
Total	cu yd	0	0	3917	0
Sod	sq yd	0	0	5875	0
Barrier		Nο	Nο	No	Nο

Cross Section (not to scale) QC

## Legend

Property Boundary

Yard Boundary

Only Type-1 Waste Present Type-2 Waste Present

Visual Barrier

START Remediated to 24"

Tree (Trunk Diameter in Inches) Tree Canopy

Bushes

# Revisions/Review

	#	Date	Drawn By	QC'd By	Date
1					
]					
1					
1					
1					
1					
-					
1					



US SMELTER & LEAD REFINERY LAKE COUNTY, EAST CHICAGO, INDIANA

455 148TH ST Parcel # 450328351043000024

EPA REGION 5 RAC 2

Date Created: 5/5/2016

SulTRAC

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